

WHAT IS CLAIMED IS:

1. A method of transmitting information, comprising the steps of:
 - 5 transmitting an information signal containing 1) encryption-resultant information, 2) an error correction code signal, and 3) decrypting information, the error correction code signal being for correction of at least one error in the encryption-resultant information, the error correction code signal being repetitively completed at a completion period, the decrypting information being for decryption of the encryption-resultant information, the decrypting information being repetitively completed piece by piece; and
 - 10 dispersively placing at least one compete piece of the decrypting information in a portion of the information signal which corresponds to the completion period of the error correction code signal.
2. A method of recording information, comprising the steps of:
 - 15 recording an information signal on a recording medium, the information signal containing 1) encryption-resultant information, 2) an error correction code signal, and 3) decrypting information, the error correction code signal being for correction of at least one error in the encryption-resultant information, the error correction code signal being repetitively completed at a completion period, the decrypting information being for decryption of the encryption-

resultant information, the decrypting information being repetitively completed piece by piece; and

5 dispersively placing at least one compete piece of the decrypting information in a portion of the information signal which corresponds to the completion period of the error correction code signal.

3. A method of recording information, comprising the steps of: recording a digital information signal on a recording medium,

10 the digital information signal containing 1) decrypting information and 2) encryption resultants of video information and an error correction code signal, the error correction code signal being repetitively completed at a completion period corresponding to one of a predetermined number of recording tracks and a 15 predetermined number of recording sectors, the decrypting information being for decryption of the encryption resultants, the decrypting information being repetitively completed piece by piece; and

20 dispersively placing at least one compete piece of the decrypting information in a portion of the digital information signal which corresponds to the completion period of the error correction code signal.

25 4. A method as recited in claim 3, wherein the recording medium comprises a magnetic tape.

5. A tape-like recording medium formed with tracks each having a predetermined number of data blocks of a fixed length, segments of an information signal being recorded on respective data blocks in the tracks, the information signal containing 1) decrypting 5 information and 2) encryption resultants of video information and an error correction code signal, the error correction code signal being completed in every unit corresponding to a predetermined number of tracks, the decrypting information being for decryption of the encryption resultants, the decrypting information being dispersively 10 placed in the information signal so that the decrypting information is completed in every unit equal to the completion unit of the error correction code signal.
6. An apparatus for transmitting information, comprising: 15 means for transmitting an information signal containing 1) encryption-resultant information, 2) an error correction code signal, and 3) decrypting information, the error correction code signal being for correction of at least one error in the encryption-resultant information, the error correction code signal being 20 repetitively completed at a completion period, the decrypting information being for decryption of the encryption-resultant information, the decrypting information being repetitively completed piece by piece; and means for dispersively placing at least one compete piece of 25 the decrypting information in a portion of the information signal which corresponds to the completion period of the error correction

code signal.

7. An apparatus for recording information, comprising:
means for recording an information signal on a recording
5 medium, the information signal containing 1) encryption-resultant
information, 2) an error correction code signal, and 3) decrypting
information, the error correction code signal being for correction of
at least one error in the encryption-resultant information, the error
correction code signal being repetitively completed at a completion
10 period, the decrypting information being for decryption of the
encryption-resultant information, the decrypting information being
repetitively completed piece by piece; and
means for dispersively placing at least one complete piece of
the decrypting information in a portion of the information signal
15 which corresponds to the completion period of the error correction
code signal.

8. An apparatus comprising:
means for generating decrypting information for decryption of
20 encryption-resultant information, the decrypting information being
repetitively completed;
means for combining main information and the decrypting
information into composite information, the main information
containing the encryption-resultant information and error
25 correction code information, the error correction code information
being repetitively completed; and

means for synchronizing the repetitive completion of the decrypting information and the repetitive completion of the error correction code information in the composite information.